

University of Oxford COSHH Assessment Form

Read the notes on completion before attempting to fill in this form. If insufficient space is available under any section, use a separate piece of paper and attach it to the form.

File ref: Ilegal -
COSHH
Date: February 2016

Department: NDM,
NDMRB

Persons involved: All NDMRB Laboratory Staff

Location of work:
NDMRB Laboratories

Description of procedure: Protein lysate Reagent

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Ilegal CA 630 CAS no 9002-93-1	Liquid form 0.08mM 250ml bottle	Weekly/as necessary	H302 Harmful if swallowed. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.	Ingestion; contact with skin and eyes.

Could a less hazardous substance (or form of the substance) be used instead? Yes/No

Justify not using it:

What measures have you taken to control risk?

Engineering controls:

PPE: Gloves, lab coat and safety glasses to be worn at all times

Management measures: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Most important symptoms and effects, both acute and delayed: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Lungs - (Ethylene oxide) Liver - Irregularities - Based on Human Evidence (1,4-Dioxane)

Accidental release measures: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Methods and materials for containment and cleaning up Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge to environment must be avoided.

Checks on control measures:

Is health surveillance required? No

Training requirements: None

Emergency procedures:

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact Wash off with soap and plenty of water. Consult a physician.

In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Fire fighting measures: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: Carbon oxides

Advice for Fire fighters: Wear self-contained breathing apparatus where possible.

Waste disposal:

Stock pot of reagent must be disposed of via the Safety Office – contact your lab manager to arrange collection.

Name and position of assessor: Tiphaine Bouriez-Jones, Lab Manager

Signature:



Name of supervisor (student work only):

Signature:

Name of head of department or nominee:

Signature: